DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	22222222222 222222222222 222222222222	XXX XXX XXX	XXX
DDD DDD DDD	CCC	XXX XXX	XXX
DDD DDD	CCC	XXX	XXX
DDD DDD DDD DDD	CCC	XX	(X (X
DDD DDD DDD DDD	CCC CCC	XXX	XXX
DDD DDD	CCC	XXX	XXX
DDD DDD DDD DDD DDD DDD DDD DDD DDD DD		XXX XXX XXX	XXX
DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	2222222222	XXX	XXX

TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	RRRRRRRR RRRRRRRR RR RR RR RR RR RR RRRRRR	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	NN	\$	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	
		\$				

Page (1)

.TITLE DCX_TRANSFER transfer vectors for data compression / expansion .IDENT 'VOZ-000'

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FACILITY:

*

: *

DCX -- Data Commession / Expansion Facility

ABSTRACT:

The Data Compression / Expansion procedures provide a general method for reducing the storage requirement for a arbitrary data.

ENVIRONMENT:

Native mode, user mode

AUTHOR:

412345678901

David Thiel June 1982

MODIFIED BY:

V03-001 JWT0101 Jim Teague 04-Mar-1983 Change psect name to help transfer vector find its way to the front of the image when linked.

FFD5"

0000

0030

BRW

TRANSFER

QUAD

DCX\$COMPRESS_DONE

. ALIGN

.MASK

90

Release data compression context

:Copy entry point mask

: for style, speed, and space

	tran	sfer	vectors	for data compression /	15-SEP-1984 23:37:58 4-SEP-1984 23:44:35	VAX/VMS Macro VO4-00 Page [DCX.SRC]TRANSFER.MAR;1	(2)
FFCD"	31	0032 0035 0035	91	BRW TRANSFER .ALIGN	DCX\$COMPRESS_DONE+2 DCX\$EXPAND_INIT	Go to routine code : Initialize data expansion :For style, speed, and space	
FFC5"		0038 003A 003D 003D	92	MASK BRW TRANSFER .ALIGN	DCXSEXPAND_INIT DCXSEXPAND_INIT+2 DCXSEXPAND_DATA QUAD	Copy entry point mask Go to routine code Perform data expansion For style, speed, and space	
FFBD*	31	0040 0042 0045 0045	93	MASK BRW TRANSFER .ALIGN	DCXSEXPAND_DATA DCXSEXPAND_DATA+2 DCXSEXPAND_DONE QUAD	Copy entry point mask Go to routine code Release data expansion context for style, speed, and space	
FFB5"	31	0048 004A 004D	94	BRW	DCXSEXPAND_DONE+2	:Copy entry point mask :Go to routine code	
		0040	94 95 96 97	.ALIGN	PAGE		
0200	97	.END					

```
DCX_TRANSFER
                                              transfer vectors for data compression /
                                                                                                         15-SEP-1984 23:37:58
4-SEP-1984 23:44:35
                                                                                                                                         VAX/VMS Macro V04-00
[DCX.SRC]TRANSFER.MAR;1
                                                                                                                                                                                  Page
Symbol table
                                                                                                                                                                                           (2)
DCX$ANALYZE_DATA
DCX$ANALYZE_DONE
DCX$ANALYZE_INIT
DCX$COMPRESS_DATA
DCX$COMPRESS_DONE
DCX$COMPRESS_INIT
                                                *******
                                                *******
                                                *******
                                                *******
                                                *******
                                                *******
DCXSCOMPRESS INIT
DCXSC_BOUNDED
DCXSC_EST_BYTES
DCXSC_EST_RECORDS
DCXSC_LIST
DCXSC_GNE_PASS
DCXSEXPAND_DATA
DCXSEXPAND_DONE
DCXSEXPAND_INIT
                                             = 00000101
                                                00000202
                                             = 00000201
                                             = 00000001
                                             = 00000102
                                                *******
                                                *******
DCXSMAKE MAP
                                                *******
DCX_TRANSFER
                                                00000000 R
                                                                      +------
                                                                        Psect synopsis
PSECT name
                                               Allocation
                                                                            PSECT No.
                                                                                           Attributes
-------
                                                                                                                                      NOSHR NOEXE NORD
NOSHR EXE RD
SHR EXE RD
    ABS
                                               00000000
                                                                           00
                                                                                    0.)
                                                                                                       USR
                                                                                                               CON
                                                                                                                        ABS
SABSS
                                               00000000
                                                                                            NOPIC
                                                                                                               CON
                                                                                                                        ABS
                                                                                                                                                                   WRT NOVEC BYTE
                                                                                                       USR
                                                                                                                                 LCL
SSVECTOR_O_DCX
                                               00000200
                                                                                              PIC
                                                                                                                CON
                                                                                                       USR
                                                                                                                                                                NOWRT NOVEC PAGE
                                                                  ! Performance indicators !
Phase
                                    Page faults
                                                          CPU Time
                                                                                Elapsed Time
----
                                              151
                                                          00:00:00.13
Initialization
                                                                                00:00:00.88
                                                                               00:00:00.86
00:00:03.63
00:00:02.25
00:00:00.00
00:00:01.28
00:00:00.02
                                                          00:00:00.59
Command processing
                                                94
Pass 1
                                                          00:00:00.00
00:00:00.32
00:00:00.02
00:00:00.02
Symbol table sort
Pass 2
                                                31
Symbol table output
Psect synopsis output
                                                                                00:00:00.63
                                                                                00:00:00.00
Cross-reference output
                                                          00:00:01.93
                                                                                00:00:08.69
Assembler run totals
```

The working set limit was 1200 pages.
4448 bytes (9 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 16 non-local and 0 local symbols.
97 source lines were read in Pass 1, producing 14 object records in Pass 2.
9 pages of virtual memory were used to define 8 macros.

DCX_TRANSFER VAX=11 Macro Run Statistics

transfer vectors for data compression / 15-SEP-1984 23:37:58 VAX/VMS Macro VO4-00 4-SEP-1984 23:44:35 [DCX.SRC]TRANSFER.MAR;1

Macro library statistics !

Macro library name

\$255\$DUA28:[DCX.OBJ]DCX.MLB;1 \$255\$DUA28:[SYSLIB]STARLET.MLB;2 TOTALS (all libraries)

Macros defined

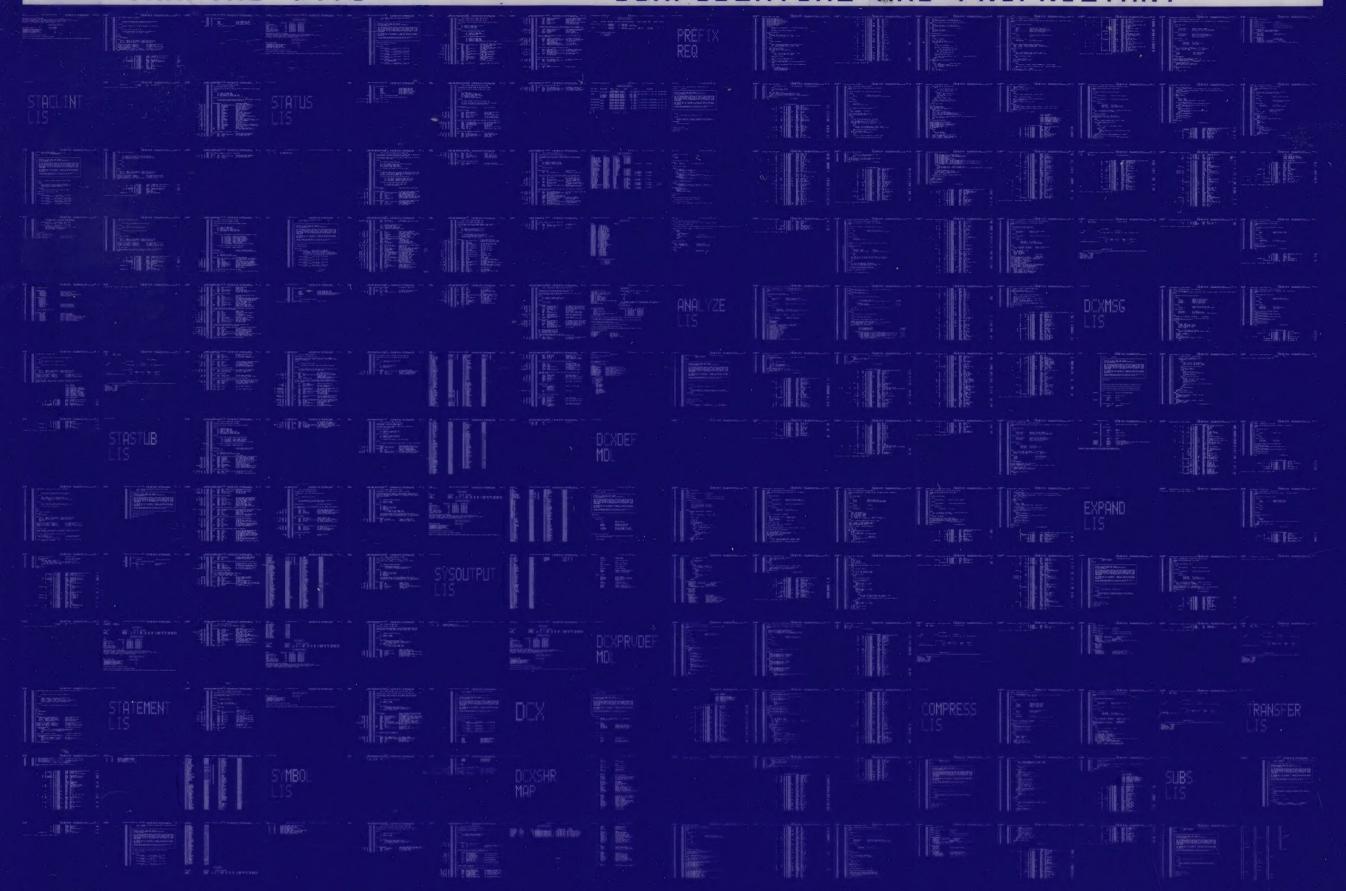
69 GETS were required to define 4 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LISS: TRANSFER/OBJ=OBJS: TRANSFER MSRCS: TRANSFER/UPDATE=(ENHS: TRANSFER)+LIBS: DCX/LIB

0074 AH-BT13A-SE

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CORPORATION AH-BT13A-SE **EQUIPMENT** DIGITAL VAX/VMS V4.0 CONFIDENTIAL PROPRIETARY AND 1 FIRS DEBLIG MACON MACON MACON I I III) eve. EI WILMER PL TON MODEL INCOME ÓBGMSG MOL 建 F HIN niii ii

I I WE

FIN